

ABSTRACT

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Title of the bachelor thesis: Diagnostics of fungal disease of nails, skin and hair

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Degree course: Medical laboratory technician

The Bachelor thesis on the topic „Diagnostics of fungal disease of nails, skin and hair“ is search retrieval. The background is explanation of fungal diseases of the skin and skin adnexa, their classification, causes, clinical manifestations and treatment. There are also the agents of fungal diseases and laboratory diagnosis - microscopy, cultivation, test of antifungal drug resistance and identification micromycetes. It examines sampling tools and sampling techniques for microscopy and cultivation. The chapters are completed by images of fungal diseases and cultivation on agar, which are important for diagnosis.

Keywords: Dermatophytes, yeasts, opportunist hyphomycetes, laboratory diagnosis, superficial mycoses, dermatofytosis, tinea, candidiasis, treatment, antimycotics.